

time (ms) 0 1 2 3 4

Electronics

LC

INITIALIZATION

DRAW

TRANSITION STARTS HERE

BRIGHT TO DARK TRANSITION FINISHED

DARK TO BRIGHT TRANSITION FINISHED

INITIALIZATION
OR
CLEAR TIME
200

Electronics

DRAW

LC

black pix

BRIGHT TO DARK
TRANSITION STARTS
HERE

BRIGHT TO DARK
TRANSITION FINISHED

DARK TO BRIGHT
TRANSITION
STARTS HERE

DARK TO BRIGHT
TRANSITION
FINISHED

FIG.

Fig. 2

The graph shows the time-dependent reflectivity of a saturable absorber. The y-axis is labeled 'Reflectivity'. The curve starts at a high reflectivity level, drops to a lower steady-state level, and then rises to a higher steady-state level. The initial drop is labeled t_R (relaxation time) and the subsequent rise is labeled t_S (saturation time). The final steady-state reflectivity is marked as 90% and the initial steady-state reflectivity as 10%.

FIG. 1B

black region { 5VOLTS

white region { 2.5 VOLTS

ITO voltage

black region { 0 VOLTS

Frame 1

Frame 2

310

320

330

300

3.5V

TRANSITION ENHANCED VOLTAGE RANGE

1.5V

FIG. 3

00010" 93502460

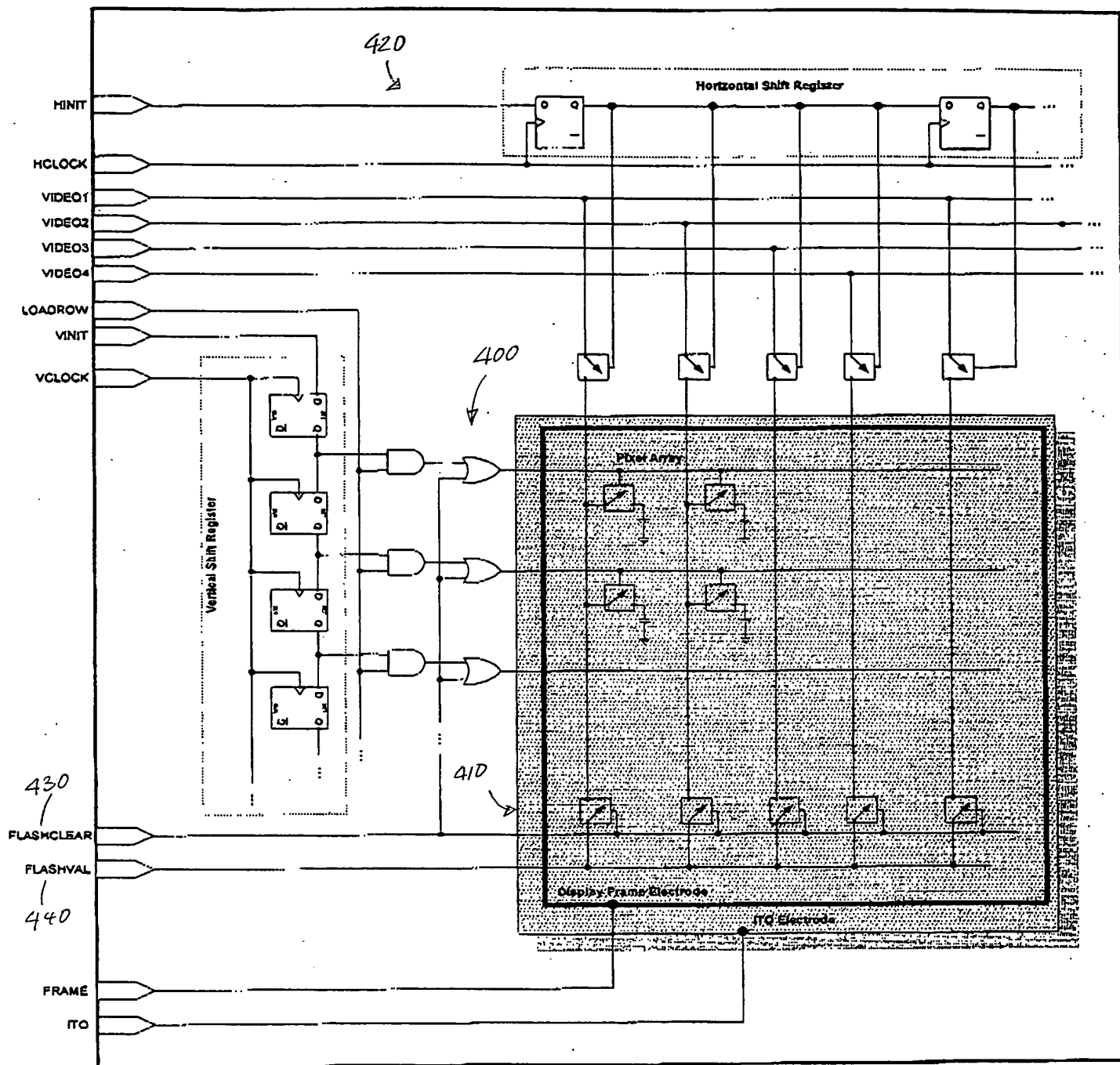
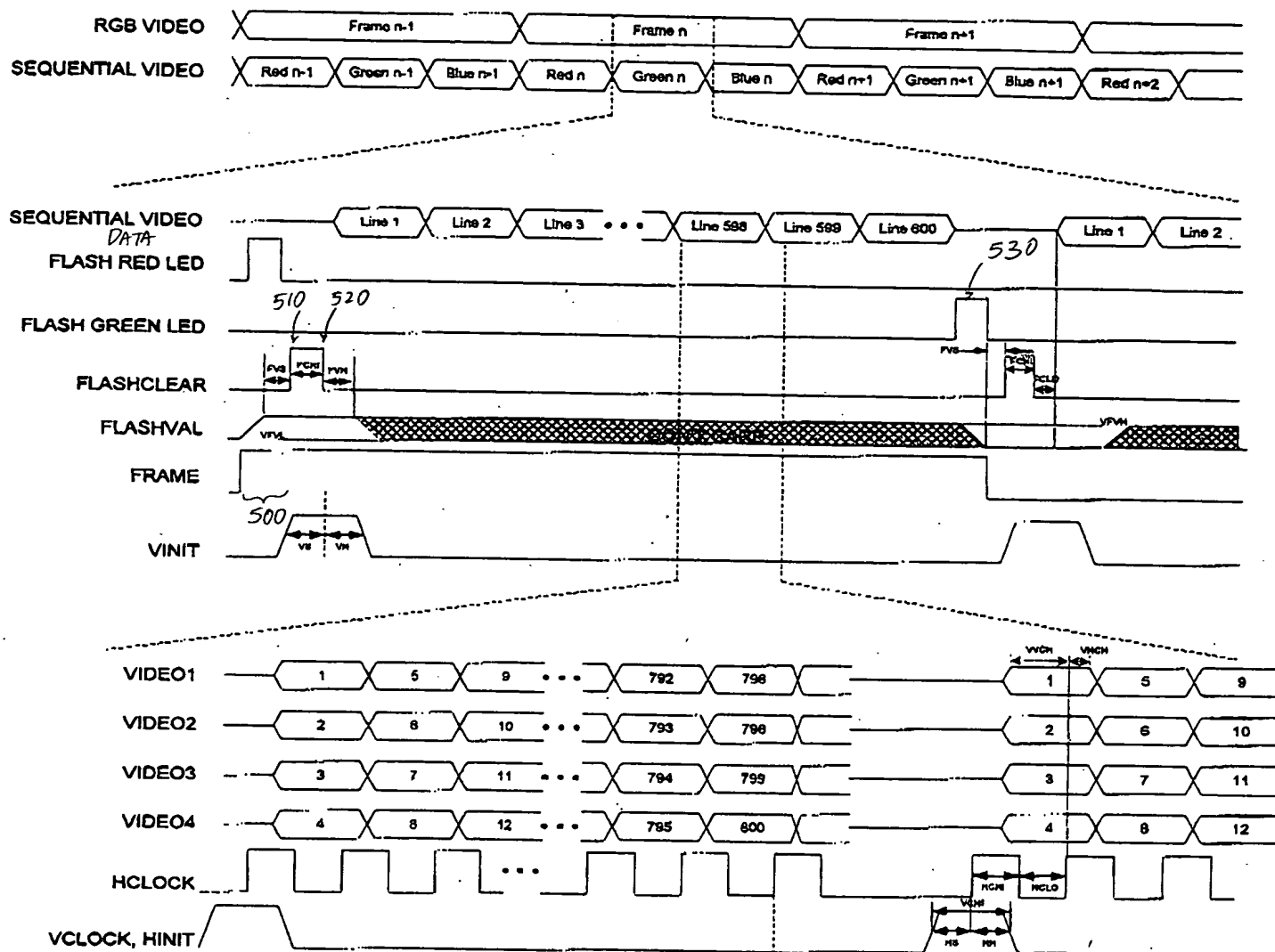


FIGURE 4



Multi-bank Mode:
SBSEL = 0, LOADROW = 1

FIGURE 5

FIG. 6

05030566 011000

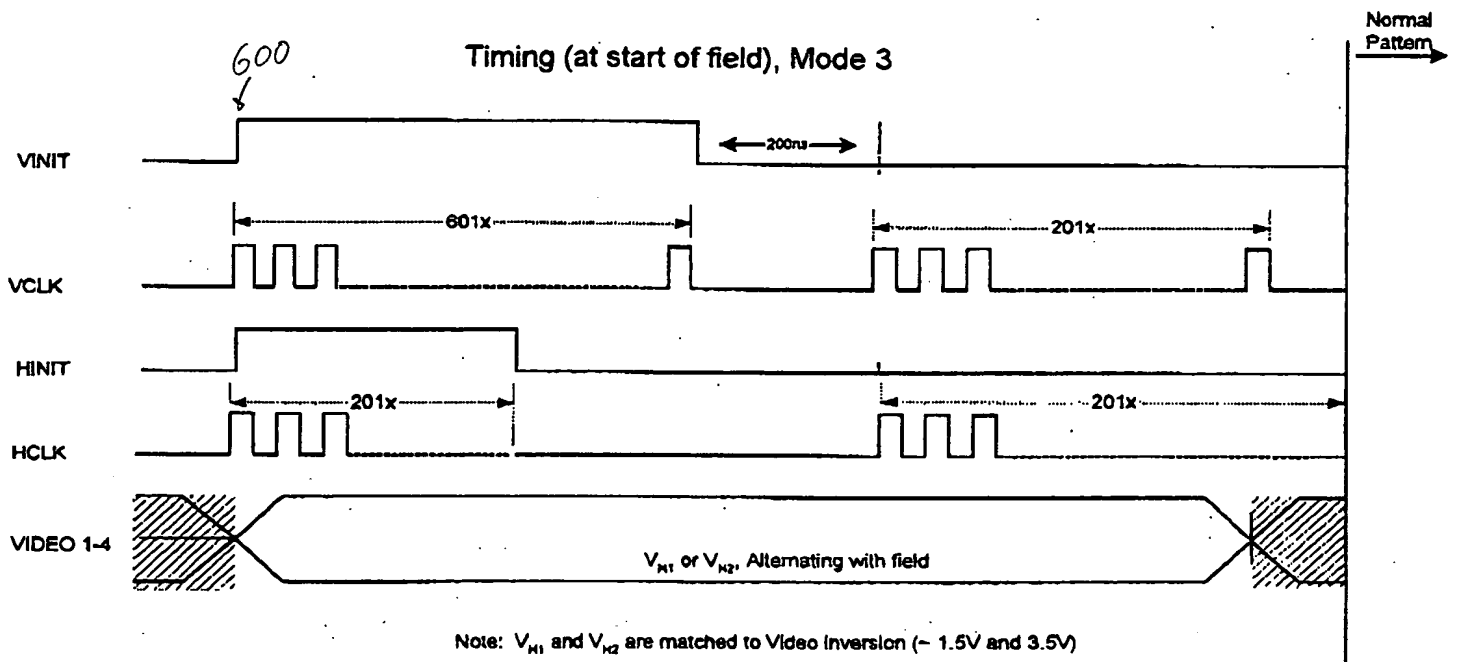


FIGURE 7